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| POSITION            | INITIALS | ID NO.    | DATE      |
| FEE DETERMINATION - | Tin-6-   | -         |           |
| O.I.P.E. CLASSIFIER | G        | 1/0       | 12/7      |
| FORMALITY REVIEW    | Alga     | C112 - 49 | 12/8/98   |
|                     | 7-(.     | 1164      | 12-10-17  |

## INDEX OF CLAIMS

|   |                            | · OFMING      |   |
|---|----------------------------|---------------|---|
| • | Rejected                   | At .          |   |
| - | Allowed                    | N Non-elected | d |
| _ | (Through numeral) Canceled | Interference  |   |
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|-----------|---|-------------------------|---------------|----------|-----|----------|----------|----------|----------|----------|--------|----------|----------|----------|-------|---------|-----------|----------|--------|----------|-----------|----------|
| - 2       | 211/1/2   |                         |               |          |     | T        | T        | П        | T        | Ť        | Ť      | Т        | $\neg$   | -        | Cla   |         | _         |          | D      | ite      |           |          |
| Prigin    | 20 00   |                         | 11            | - 1 1    | - 1 | Pinal    |          | Н        | 1        | 1        |        |          | -        | П        | Final | 9       | 11        | - [      | 1      | П        | T         | T        |
| -         | 1100/09   | +                       |               |          | - 1 | E18      | 1        | 1 1      | - 1      | 1        | П      |          | - 1      | 11       | 2     | B.      | П         | - 1      | 1      | 1 1      |           | 1        |
| 1 1       | MY E  | -                       |               | T        | г   | 51       | 1        | 11       | +        | +-       |        | -+       | -+-      | Н        | 프     | ŏL      | L         |          | 1      | 11       | - [       | 1        |
| 3 (2)     | H43   |                         | TT            |          | - 1 | 52       |          | -        | +        | +-       | Н      | -+-      | -        | Ш        |       | 01      | П         |          | 1      |          | _         | +-       |
| 14        |   | $I \perp I \perp$       |               | $\vdash$ | r   | 53       |          | -        | +        | +-       | 4      | 4        | _        | ш        |       | 02      | $\neg$    | $\top$   | 1-     | $\vdash$ | +         | +-       |
| 2 4       | 11/2  |                         | 11            | +        | H   | 54       |          | +        | +        | +-       | $\Box$ |          | _        | LI       | 1 1   | 03      |           | _        | +      | +        | +         | +-       |
| 5         | 14  |                         | +             | +-1      | -   | 55       |          | 4        | +        | $\perp$  | _      | J        | T        |          | T li  | 04      | +         | +-       | +-     | $\vdash$ | -         | +        |
| 9         | N   |                         | +             | +        | -   | 56       | Н        | 4        | 4        | $\perp$  |        | _[       | Т        |          | 10    |         | -         | +-       | +      | +        | +         | +-       |
| T#1-      | 17 V  | 11                      | ++            | ++       | -   |          | Н        | _        | 1        | $\perp$  |        | Т        |          | $\neg$   | 10    |         | +         | +-       | +-     | +        |           | 4        |
| 8         | 777   | ++                      | ++            | +        | -   | 57       | $\Box$   |          | L        | I I      | 7      | $\top$   | 7        | $\neg$   | 10    |         | -         | +        | Н      | -        | -         | Ц.       |
| 9         | ++-   |                         | ++            | Н        | -   | 58       |          |          |          | П        | 7      |          | 77       | $\dashv$ | 10    |         | +         | +-       | Н      | 4        |           | L        |
| 10        |   | ++                      | +             | ш        | L   | 59       | _ /      | Т        | Т        | П        | 7      | _        | +        | $\dashv$ | 10    |         | 4         | ╀-       | Ш      | _        |           |          |
| 111       | ++-   | +                       | ++            | Ш        | L   | 60       | 7        | T        | $\top$   |          | $^{+}$ | _        | +        | $\dashv$ |       |         |           | 4        |        | _ [      | T         |          |
| 12        | ++  | +                       | +             | ш        |     | 61       | 7        | 7        | +        |          | +      | +-       | +        |          | 11    |         | -         | ┸        |        | 7        | T         | П        |
| 13        | H   |                         | $\perp$       | $\Box$   |     | 62       | 7        | +        | +-       | $\vdash$ | +      | +-       | +        | -1       | 11    |         |           | П        |        | 7        |           | 1-1      |
|           | HH  | $\perp L$               | IT            | П        |     | 63       | +        | +        | +        | +        | +      | +        | $\vdash$ | 4        | 112   |         | T         | П        | $\neg$ | -†-      | +         | H        |
| 14        | $\Box$  | $\perp$ $\perp$ $\perp$ |               | П        | -   | 64       | +        | +        | +        | 4        | 4-     | +        | Ш        | 1        | 113   |         | T         |          | +      | +        | +         | Н        |
| 15        | $\Box$  | 1                       |               | Н        | -   | 65       | +        | +        | 1        | 4        | 4      | 1        | $\Box$   | .1       | 114   |         | 1         |          | $^+$   | +        | +-        | Н        |
| 16        |   |                         | +             | Н        | 1   | 66       | +        | +        | Ш        | 4        | 1      | $\Gamma$ |          | 7        | 115   |         | +-        | +        | +      | +        | +-        | Н        |
| 17        | 6   | +                       | ++-           | Н        | -   |          | +        | 1        | $\sqcup$ | ⅃        | T      |          |          | ٦        | 116   |         | +-        | Н        | -+     | +        | +         | 4        |
| 18        | 7-1   | ++-                     | ++-           | 4        | -   | 67       | _        | 1        | LT       | T        | T      |          | 1        | 7        | 117   | +       | +-        | $\vdash$ | 4      | $\perp$  | $\perp$   |          |
| 19        | ~++   | +                       | $\vdash$      | _        |     | 68       |          |          |          | $\neg$   | 7      |          | -+       | 4        | 118   | Н-      | +         | $\perp$  | 4      |          | $\perp$ 1 |          |
| 20        | +++   | ++                      |               |          | 11  | 69       | Т        | $\top$   |          | _        | +      | +        |          | 4        |       | 4       | $\perp$   | $\perp$  |        | 1        | П         | $\neg$   |
|           | -   |                         | 111           | 7        |     | 70       | _        | +        | $\dashv$ | +        | ┿      | +        | -        | 4        | 119   |         | $\perp$ 1 | T        | Т      | Т        |           | +        |
| 21        | $\perp \perp \perp \top$  | TT                      |               | 7        |     | 71       | +        | +        | +        |          | 1      | Ш        |          |          | 120   | Т       | П         |          | +      | +        | 11        | +        |
| 22        |   |                         | $\vdash$      | $\dashv$ |     | 72       | +-       | +        | 4        | -        | L      | Ш        |          | 7        | 121   | _       | H         | +        | +      | +-       | Н         | +        |
| 23        |   | 11                      | +             | -1       |     |          | +        | $\sqcup$ |          |          |        | П        | T        | 7        | 122   | +       | +         | +        | +      | +        | $\vdash$  | 4        |
| 24        | 777   | ++                      |               | -        |     | 73       | 1        | $\perp$  | _        | 1        | Г      |          |          | 1        | 123   | +       | ++        | +        | +      | 14       | Ц         |          |
| 25        | 111   | +++                     |               | 4        |     | 74       | L        | П        |          | T        |        |          | $^{+}$   | 1        | 124   | +       | Н         | +        | +      | Ш        |           | _        |
| 26        | +++   | +++                     | +             | 4        |     | 75       |          | П        | 7        | $\top$   |        | $\vdash$ | +        | 1        | 125   | +       | $\vdash$  | 4        | -      |          |           | Т        |
| 27        | +++   | +++                     | $\perp$       | ┙.       |     | 6        | 1        |          | $\neg$   | _        |        | -+       | +-       | 1        |       | -       | Ш         | _L       |        | П        | Т         | Т        |
| 8         | +++   | 1                       | $\perp$       |          | 7   | 77       | 1        | $\vdash$ | +        | +-       | Н      | +        | +-       | 1        | 126   | _       | Ш         |          | Т      | $\Box$   | 7         | 1        |
| 9         | +++   | $\perp$                 | T             | 7 1      | 17  | 8        | $\vdash$ | 1        | +        | +        | -      | +        | +        |          | 127   |         | т         |          | 1      | -1       | +         | +        |
|           | $\perp$   | III                     |               | 7 1      | 7   |          | -        | +        | +        | +        | Ш      | -        | _        |          | 128   | TT      |           | 7        |        | +        | +         | +        |
| 10        | $\perp$   |                         | 1             | 1 1      | 18  |          | Н        | -+       | 4        | -        | _      | _        | _        |          | 129   |         | +         | +-       | +      | $\vdash$ | +         | ┰        |
| 11        |   | T = T                   | +             | 1        | 18  |          | -        | +        | 4        | $\perp$  | _      | - 1      |          |          | 130   | 77      | -         | +        | +-     | $\vdash$ | +         | +        |
| 2         |   | +                       | ++            | -        |     |          | Н        | _        | _        | $\perp$  | _7     | Т        |          | - 1      | 131   | +       | +         | +        | +-     | +        | -         | 4        |
| 3         | +   |                         | ++            | 4 1      | 8   |          |          |          | 1        | $\Box$   | 7      | 7        |          | ı        | 132   | +       | -         | +        |        | 4        | _         | 1        |
| 4         | +++   | +-+                     | ++            | 4 1      | 8   |          |          | Т        | Т        |          | 7      | +        | +        | H        | 133   | ++      | +         | +        | Н      | _        | ┸         | 1        |
| 5         | +++   |                         | ++            | 1 1      | 8   |          |          | $\top$   | $\top$   |          | +      | +        | +        | t        | 134   | +-1     |           | -        |        |          |           | П        |
| +         | ++-   | $\vdash$                | $\perp$       | Ιľ       | 8   |          | 7        | 1        | +        | +        | +      | +        | ₩        | - 1      |       | $\perp$ |           | L        | ! 7    | $\neg$   | $\top$    |          |
| ++        | +   | $\perp$                 | $\perp \perp$ | ) Г      | 86  |          | 7        | +        | +-       | +        | +      | +        | Н        | - 1      | 135   | $\perp$ |           |          | П      | 7        | 7         | $\vdash$ |
| +         | +   |                         |               | 1 [      | 87  | 1        | $^{+}$   |          | +-       | $\vdash$ | +      | 4-       | -        | L        | 136   | 11      | T         | $\Gamma$ |        |          | +-        | Н        |
| +         | +   |                         | $\Gamma$      | 1 1      | 88  | 1        | $^{+}$   | +        | +-       | $\vdash$ | +      | +        | $\perp$  | L        | 137   | ΙТ      | 7         |          |        | +        | +-        | Н        |
|           |   | TT                      |               | 1 1      | 89  |          | +        | +        | Н        | -        | 4      | 4_       | Ш        | L        | 138   | $\Box$  | 7         |          | +      | +        | +-        | Н        |
| T         |   |                         | +             | 1 -      | 90  | Н        | +        | +-       | Ш        | -        | ┸      | L        | П        | Г        | 139   | +       | +-        | +        | +      | +        | +         | Н        |
| IT        |   | ++                      | ++-           | I -      |     | $\vdash$ | 4        | _        | Ll       |          | 1      |          | П        | Г        | 140   | 1       | +-        | Н        | 4      | +        | +         | $\Box$   |
|           |   | +                       | +-            | <u> </u> | 91  | Ш        | 4        |          |          | Т        | T      | T        |          | _        | 141   | +       | +-        | Н        | -      | +        | $\perp$   | ┙        |
| H         | +++   | +-                      | $\vdash$      | L        | 92  | ட        | _T       | T        | П        | 7        | +      | +        | $\dashv$ | $\vdash$ | 142   | -       | +         | Ш        | _      | ⊥.       | 17        | 7        |
| $\vdash$  | +++   | ++                      | ш             |          | 93  | LT       | 1        |          | $\vdash$ | +        | +      | +        | $\dashv$ | -        |       | Н       | 1         | Ш        | _T     | T        | T         | 7        |
| +++       | ++1   | 44                      | LI7           |          | 94  | 1        | $\top$   | 1        | +        | +        | +-     | +        | -        | -        | 143   | ш       | $\perp$   | 1        | T      | 1        | 1         | $\dashv$ |
| 44        | +   | $\perp \Gamma$          | ITI           |          | 95  | $^{+}$   | +        | 1        | +        | +        | +      | $\vdash$ | 4        | L        | 144   | 1       | П         |          | +      | +        | H         | $\dashv$ |
| +         | $\perp$ $\perp$ $\perp$ $\perp$   |                         |               | $\vdash$ | 96  | +        | +        | +-1      | +        | +        | +      | ш        | _        |          | 145   |         | Н         | +        | +      | +-       | ╁┼        | 4        |
| $\perp$ T |   |                         |               | -        | 97  | +        | +        | ++       | 4        | +        | 1_     | Ш        |          | Г        | 146   | +       | $\vdash$  | +        | +      | +        | Н         | 4        |
| TT        | 711   | 11                      | +             | $\vdash$ |     | +        | +        | 11       | 4        | ⊥`       | L      | Π        | 7        | $\Gamma$ | 147   | +       | H         | +        | +      | +        | Н         | 4        |
|           | +   | ++-                     | +             | $\vdash$ | 98  | 1        | L.       | LΙ       |          | T        | Г      | 1        | 7        | -        | 148   | +       | Н         | 4        | 4      | $\perp$  | Ш         | ┚        |
| 7+        | +++   | +++                     | $\dashv$      | <u></u>  | 99  | 1        | L        | LΤ       | 7        | T        |        | +        | 7        | -        | 149   | +       | Н         | 4        | 1      | $\perp$  | LT        | 7        |
|           |   | 44                      |               | _        | 100 | $\perp$  | Г        |          | $\neg$   | +        |        | +        | 4        | $\vdash$ | 150   |         | 1         | $\perp$  | ľ      | 1.7      | T         | 7        |
|           |   |                         |               |          |     |          |          |          |          |          |        |          |          |          |       |         |           |          |        |          | _         | -1       |

If more than 150 claims or 10 actions staple additional sheet here

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